Patent Claims

1. Method for producing fully ceramic tooth elements having a pre-determined spatial form by means of electrophoresis, characterized in that an electrically conductive chip or chip which has been rendered electrically conductive is arranged directly on a working model or on a part of the framework, whereby the chip can comprise regions of different electrical conductivity and is connected preferably to the positive pole during the electrophoresis.

2. Method according to Claim 1, characterized in that the framework material is being deposited.

3. Method according to Claim 1, characterized in that the veneering material is being deposited.

4. Method according to any one of the Claims 1 to 3, characterized in that the chip is a synthetic paper made electrically conductive by means of a salt solution.

5. Method according to any one of the Claims 1 to 4, characterized in that the areas of lower electrical resistance are generated by means of aluminum foil.

6. Method according to Claim 2, characterized in that an alumina or zirconia slip is used.

7. Method according to Claim 4, characterized in that nylon is used as the chip material.

8. Method according to Claim 1 or 2, characterized in that the chip comprises alumina fibers, in particular wiskers.

9. Method according to Claim 1 to 8, characterized in that an electrically conductive foil, e.g. made of aluminum, is arranged between two fibrous layers of the chip.

10. Method according to any one of the Claims 1 to 9, characterized in that the chip is made electrically conductive by means of saline solution.

11. Method according to any one of the Claims 1 to 10, characterized in that the chip has a T-shaped cross-section.

12. Method according to any one of the Claims 1 to 8, characterized in that the chip is wider in the middle in the area of the dies.